

PEOPLE

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MOVE

Human Resources reports the following personnel changes:

Key Management Assignments

Robert Kelso was named deputy director, Safety, Reliability, and Quality Assurance Office.

John McManamen was selected as deputy chief, Structures and Mechanics Division, Engineering Directorate.

Bruce Sauser was selected as chief, Life Support and Habitability Systems Branch, Crew and Thermal Systems Division, Engineering Directorate.

Additions to the Workforce

John Osborn joins Cargo, Integration, and Operations Branch, Operations Division, Mission Operations Directorate, as a flight systems operator.

Mark Dub joins the Advanced Development Office, Engineering Directorate, as a design engineer.

Colleen Crawford joins the Avionics and Software Office, International Space Station Program, as an avionic systems engineer.

Promotions

Fran Magers was selected as an accounting assistant in the Resource Control and Reimbursables Branch, Financial Management Division, Office of the Chief Financial Officer.

Elizabeth Ceja was selected as division secretary in the Occupational Safety and Institutional Assurance Division, Safety, Reliability, and Quality Assurance Office.

Telma Lopez was selected as division secretary in the HEDS Independent Assurance Office, Safety, Reliability, and Quality Assurance Office.

Desiree Patterson was selected as division secretary in the Space Station Division, Safety, Reliability, and Quality Assurance Office.

Marilyn Lewis was selected as division secretary in the Program Integration Office, International Space Station Program Office.

Reassignments Between Directorates

David Black moves from the Mission Operations Directorate to the Office of the Chief Information Officer.

Steve Gorman moves from the Engineering Directorate to the Office of the Chief Information Officer.

Howard Hu moves from the International Space Station Program Office to the Engineering Directorate.

Linda Perez moves from the Office of the Chief Information Officer to the Information Systems Directorate.

Delmar Douglas moves from the Information Systems Directorate to the International Space Station Program Office.

Bill Jordan moves from the Space Shuttle Program Office to the International Space Station Program Office.

Reassignments Between Centers

Marilyn Donald moves to Stennis Space Center.

Ledetria Beaudoin moves to NASA Headquarters.

Denny Kross moves to Marshall Space Flight Center.

Sheryl Gates moves to Marshall Space Flight Center.

Retirements

Herb Chee of the Legal Office.

Billie Deason of the Public Affairs Office.

Duane Emmons, Marsha Fuller, Claudia Hess, and George Hyde of the Procurement Office.

Steve Oswald and Danny Taylor of the Flight Crew Operations Directorate.

Richard Bullock, Joyce Davis, C. D. Hyatt, Linda Nataro, Robert Rice, Marsha Rubin, and Bob Stanley of the Engineering Directorate.

Resignations

Sally Branson of the Office of the Chief Financial Officer.

Brant Adams and Tony Sang of the International Space Station Program Office.

Nelda Howell of the Safety, Reliability, and Quality Assurance Office.

DATES

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March 10

Astronomers meet: The JSC Astronomical Society will meet at 7:30 p.m. at the Center for Advanced Space Studies, 3600 Bay Area Blvd. For details contact Chuck Shaw at x35416.

March 12

Westside NSS meets: The “Westside” group of the Clear Lake area chapter of the National Space Society will meet at 2 p.m. at Silicon Graphics, 11490 Westheimer, Suite 100. For details contact Murray Clark at (281) 367-2227.

March 14

Aero Club meets: The Bay Area Aero Club will meet at 7 p.m. at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For information contact Larry Hendrickson at x32050.

NSS meets: The Clear Lake area chapter of the National Space Society will meet at 6:30 p.m. at Freeman Memorial Branch Library, 16602 Diana Lane. For information contact Murray Clark at (281) 367-2227.

March 15

Astronomy seminar: The JSC Astronomy Seminar Club will meet at noon March 15, 22, and 29 in Bldg. 31, Rm. 248A. For more information contact Al Jackson at X35037.

Call for Papers: Today is the deadline for abstract submissions to AIAA’s Annual Technical Symposium at the University of Houston April 6 and 7. The event is titled “Pioneering a New Millennium of Technology and Discovery.” For more information visit www.jsc.nasa.gov/aiaa/

OUT&ABOUT



Dr. Michael Stanford, acclaimed ion radiation expert and chief of Research and Technology Development at University of Texas Medical Branch Center for Aerospace Medicine, stressed the importance of understanding the physics and risks associated with space radiation environment and its impact on crew safety and spacecraft design at a recent luncheon.

For information on IEEE Galveston Bay section and AIAAHouston section, which co-sponsored the February 10 luncheon, visit IEEE at <http://www.ghgcorp.com/ieeegbs> or AIAA at <http://www.jsc.nasa.gov/aiaa>.

Scuba club meets: The Lunarphins will meet at 7:30 p.m. For more information contact Mike Manering at x32618.

Spaceteam Toastmasters meet: The Spaceteam Toastmasters will meet at 11:30 a.m. March 15, 22 and 29 at United Space Alliance, 600 Gemini. For information contact Patricia Blackwell at (281) 280-6863.

NASA BRIEFS

TINY HEARTS MONITORED BY NASA TECHNOLOGY

The results are in. A NASA technology originally used to measure airflow over airplane wings has been successfully used to develop a portable, non-invasive, easy-to-use fetal heart monitor.

The new clinically proven fetal heart monitor takes advantage of aerospace technology to make it more affordable, portable and easy to use by expectant mothers in their own homes. What’s more, it “listens, documents and stores” fetal heart-rate data without injecting energy into the womb, making it totally non-invasive.

A team of aerospace researchers from Langley Research Center worked with Veatronics, Inc., of Charlotte, NC, to convert the technology to this innovative medical application. NASA granted the company a license to market one or more commercial products based on the technology.

“Because the material we used for wing surface measurements is flexible, it is ideally suited to fit over the curved surface of a maternal abdomen for fetal testing,” said Allan Zukerwar of Langley’s Advanced Measurement and Diagnostics Branch.

Current fetal heart-monitoring devices generally work well but cost many thousands of dollars and can only be used in a clinic or doctor’s office.

NASA developed the portable technology at the suggestion of a medical doctor in a remote area that suffers from a lack of appropriate health care.

In its present form, an at-home patient would strap a wide, soft belt embedded with sensors over her belly, tune a computerized control device to hear the fetal heartbeat and send the signal directly to her doctor’s office via the Internet.

CREWS NAMED TO CONTINUE SPACE STATION ASSEMBLY

Veteran shuttle Commanders James Halsell and Terrence Wilcutt will lead the next two space shuttle missions to continue on-orbit assembly of the International Space Station.

Halsell will lead a crew of seven on the STS-101 mission, which is scheduled to launch aboard Space Shuttle *Atlantis* no earlier than April 13. Pilot Scott Horowitz and Mission Specialists Mary Ellen Weber and Jeffrey Williams will remain as part of the STS-101 crew. Completing the STS-101 crew are Mission Specialists James Voss, Susan Helms, and Cosmonaut Yuri V. Usachev, who all later will serve as the second resident International Space Station crew.

Three mission specialists previously assigned to STS-101, Ed Lu and Cosmonauts Yuri Malenchenko and Boris Marukov, will move to the STS-106 mission to perform tasks linked to the planned July arrival of the Russian-built Service Module.

Wilcutt will lead the seven-member crew on the STS-106 mission, which is scheduled to launch aboard Space Shuttle *Atlantis* no earlier than August 19. Joining Wilcutt, Lu, Malenchenko and Marukov are Pilot Scott Altman and Mission Specialists Richard Mastracchio and Dan Burbank. STS-106 will be the first space flight for Burbank and Mastracchio, members of the 1996 class of astronauts.

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